

Summer Research Internship
Agricultural Sciences Enrichment Program (ASEP)



Cropping Systems Research Laboratory
USDA-ARS, Lubbock Texas
 3810 4th St., Lubbock, TX 79415

Duration and Location: Ten weeks program (end of May until first week of August). The student will be assigned to the Wind Erosion and Water Conservation Research Unit of the Cropping Systems Research Laboratory, United States Department of Agriculture-Agricultural Research Service.

Objective: To provide undergraduate students at UPR-Mayagüez Campus an interdisciplinary research experience in different areas of investigation being conducted at the Agriculture Research Service in Texas High Plains. Research areas include agriculture and environmental concerns such as: (1) the impact of agricultural management practices on soil properties involved in soil quality and functioning; (2) the impact of wind erosion on soil properties and air quality; and (3) physiological and molecular responses of C3 (i.e., cotton (*Gossypium hirsutum* L.)) and C4 (i.e., sorghum (*Sorghum bicolor* L.)) plants to water-deficit stress.

Eligibility:

- ✓US citizen or Permanent Resident.
- ✓A student with a GPA of 3.00 or higher in a BS program either in Agronomy, Biology, Microbiology or a closely related field.
- ✓Full time at 2nd or 3rd year.
- ✓A student that express strong interest in the agricultural and/or food sciences.

Requirements for application:

- ✓Provide recent original transcript of college education
- ✓One letter of recommendation from an academic professor or advisor
- ✓One essay (1-2 pages) to describe your expected professional and carrier goals
- ✓ This is intended to be a 2 year internship

Salary: The student will be a Temporary ARS employee (GS-02) with associated benefits (i.e., holidays & sick leave). The cost of airline tickets, local transportation, and housing will also be paid. Meals are not included.

Deadline to apply: Application should be sent by March to: “Universidad de Puerto Rico, Recinto Universitario de Mayagüez, Departamento de Agronomía y Suelos, P.O. Box 9030, Mayagüez, P.R. 00681-9030. The applications will be sent to Dr. Verónica Acosta-Martínez, but you can contact her directly to: vacostam@lbr.ars.usda.gov, Ph: 806-723-5233 or Fax: 806-723-5272.